

# [OPTICAL SCANNER]

## Abstract

An optical scanner is provided with a carrier, a casing, a driving unit and a transmission unit. The carrier has a connecting unit and an optical system mounted thereon. The casing has a guiding rail formed as integral unit on the interior wall. The guiding rail has at least a fastener for latching onto the connecting unit of the carrier. The transmission unit links up the driving unit and the carrier. The driving unit drives the transmission unit and then the transmission unit pulls the carrier along the guiding rail through the linkage between the connecting unit and the fastener.